WARNING:
TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

THE LIGHTNING FLASH AND ARROW-HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE RADIO.	**CAUTION** **RISK OF ELECTRIC SHOCK DO NOT OPEN**	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THIS RADIO.
	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE BACK. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	

381QB0SB-A

SANGEAN

HD Radio®

HDR-1

HD Radio/FM-RDS/AM
Digital Stereo Receiver

User Manual

HD Radio™ Technology Manufactured Under License From iBiquity Digital Corporation. iBiquity Digital and the HD Radio and HD logos are registered trademarks of iBiquity Digital Corporation. HD Radio™ is a trademark of iBiquity Digital Corporation. U.S. and Foreign Patents.

Important Safety Instructions

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

10. Only use attachments/accessories specified by the manufacturer.

11. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14. To reduce the Risk of Fire or Electric Shock. Do not expose this appliance to rain or moisture.

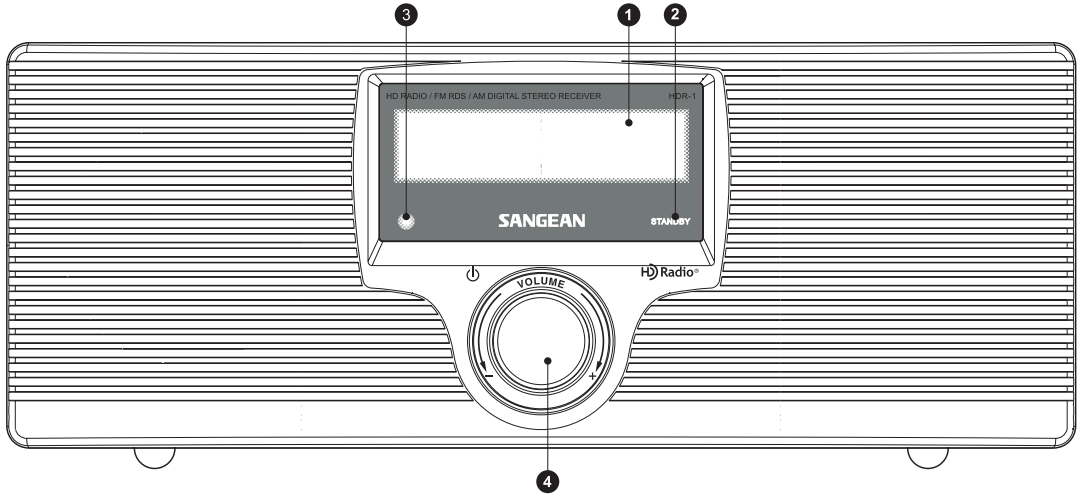
15. The Shock Hazard marking and Associated Graphical Symbol is provided on the rear panel of unit.

16. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, shall not be placed on the apparatus.

20070524_HDR-1_381QB0SB-A_GB.p65 5 2007/5/24, ¤U¤È 03:19

Unit Controls

(Front)

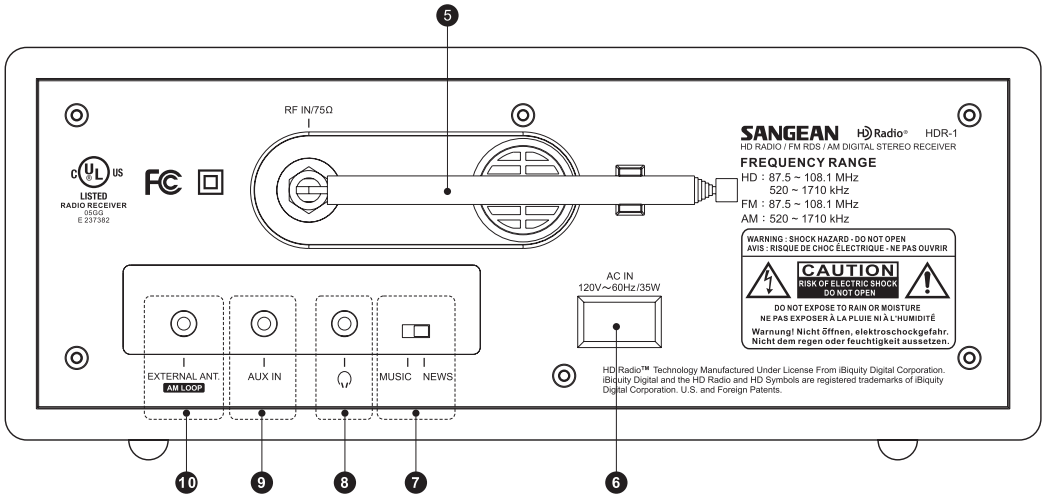


1. LCD display
2. Standby LED indicator
3. Remote Control Sensor
4. Power and Control knob

20070524_HDR-1_381QB0SB-A_GB.p65 6 2007/5/24, ¤U¤È 03:19

Unit Controls

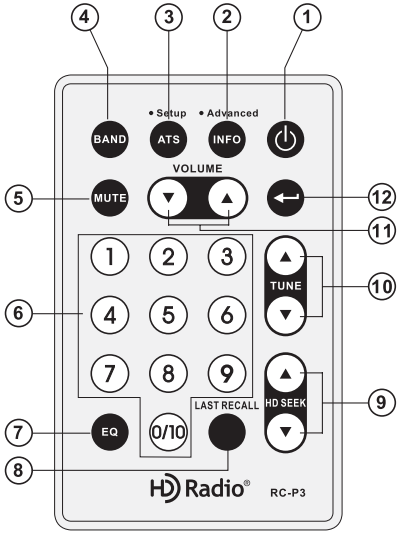
(Rear)



5. FM Telescopic Antenna
6. AC power cord socket
7. Music and News selection switch
8. Headphone socket
9. Aux In socket
10. External AM Loop antenna socket

20070524_HDR-1_381QB0SB-A_GB.p65 7 2007/5/24, ¤U¤È 03:20

Remote Control

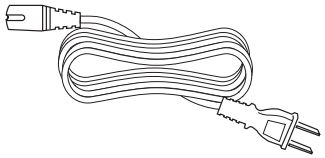


1. Power
2. Information button
3. ATS and Setup button
4. Band selection
5. Mute button
6. Number buttons
7. Audio Equalizer selection
8. Last station recall
9. HD Radio Seek button
10. Tuning Control
11. Volume Control
12. Execution button

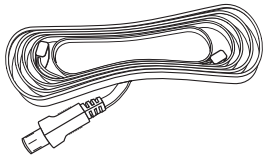
20070524_HDR-1_381QB0SB-A_GB.p65 8 2007/5/24, ¤U¤È 03:20

Accessories

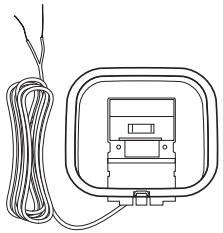
Detachable power Cord x 1



FM Dipole Antenna x 1



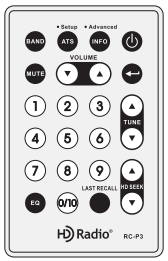
AM Loop antenna x 1



Remote control unit x 1

Instruction manual x 1

Warranty card x 1



20070524_HDR-1_381QB0SB-A_GB.p65 9 2007/5/24, ¤U¤È 03:20

Getting started

First find a location for your new HD radio,

1. The FM telescopic antenna is already installed. Dipole Antenna and installing tool are in cluded for better reseption.

2. Connect the AM loop antenna into external AM loop antenna terminal on the back of the unit.

3. Plug the AC power cord into the socket located on the back of the unit. Please ensure that the plug is pushed fully into the socket.

4. Plug the other hand of the AC power cord into a wall socket and switch on the wall socket if needed. (NOTE: You may hear a loud "POP" when power is connected. Do not be alarmed.)

Important:

1. The AM loop antenna should be located at least 50 cm away from the receiver to avoid possible interference.

2. Do not touch Power/Control knob on the radio while plug in AC power.

Setting the clock

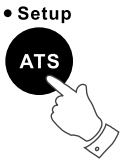
Clock setting can be done when the receiver is on or in Standby Mode (power off).

1. Press "Enter" or "Power /Control knob" button. The display should not read "Setup Clock Set".

2. Press "Enter" or "Power /Control knob" button again. Display should read "Clock Set" and the hour should begin blinking.

3. Press "Tuning" Up/Down or rotate "Power /Control knob" to select Hour then press "Enter" or "Power /Control knob" button again to complete hour setting.

4. Use same procedures to complete minute, AM or PM, date, month and year. Press "Enter" or "Power /Control knob" button to complete Clock Set.



20070524_HDR-1_381QB0SB-A_GB.p65 10 2007/5/24, ¤U¤È 03:20

Radio Controls

1. To turn the radio on press the “Power” button on the remote control or hold “Power /Control knob” on the unit for 2 seconds.

2. To turn the radio off press the “Power” button on the remote control or hold “Power /Control knob” on the unit for 2 seconds. (NOTE: In standby mode, the tuner will display the time, dim the backlight (in 12 seconds) and standby LED will be on.

3. To access or select the menu option press and release the Power/ Control knob on the unit or “Enter” button on the remote.

4. To navigate through the menu options rotate the “Power/Control knob” or press “Tuning” Up/Down button.

5. During normal operation (not in the menu tree) the “Power/Control knob” will control volume.

Selecting the radio band/Auxiliary Input

- Using the remote, press the “BAND” button. (Note: When you switch from one band to another, the radio will return to the last tuned station used in the band.)

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “Band” menu option.

2. Press “Power/Control knob to select. Repeat until desired band is reached.

Note:
When AUX IN socket behind the unit is connected, Display will cycle through AM → FM → AUX IN → AM ……

Manual Tuning

- Using Remote:

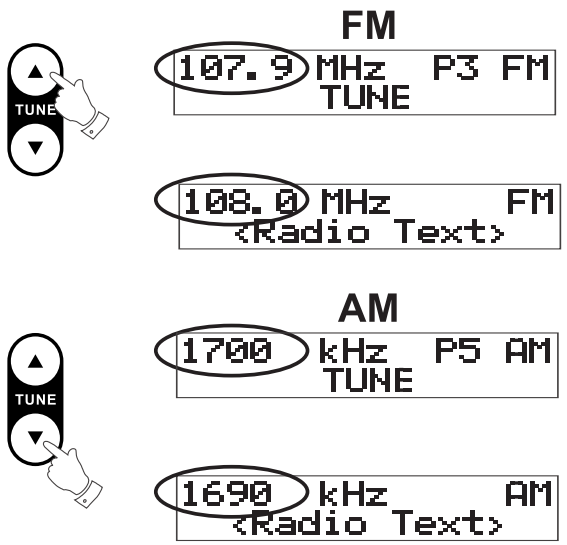
1. Press the Tuning rocker switch UP or DOWN on the remote control to select a radio station. Tuning step per press for AM is 10 kHz and 100 kHz for FM band.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “Tune” menu option.

2. Press “Power/Control knob to select.

3. Rotate “Power/Control knob” until you reach desired station frequency.



20070524_HDR-1_381QB0SB-A_GB.p65 11 2007/5/24, ¤U¤È 03:20

Volume Control

- Using the Remote:

1. Press “Volume” Up/Down button until you reach desired volume.

- Using the Unit:

1. Rotate the “Power/Control knob” unit desired volume is reached.

Mute

- Using the Remote:

1. Press MUTE button on the remote control to mute the radio. Press the MUTE button again to turn on the volume.

- Using the Unit:

1. Rotate “Power/Control knob” until volume is muted.

Audio Equalizer (EQ)

- Using the Remote:

1. Press the “EQ” button until desired EQ setting is reached.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “EQ” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” until you reach desired preset EQ option.

Custom “BASS” and “TREBLE” Settings

- Using the Remote:

1. Press “EQ” button until “Bass” or “Treble” options are chosen.
2. Press “Enter” button to select.
3. Press “Tuning” Up/Down button until desired level is reached.
4. Press “Enter” button to save setting.
5. Repeat as necessary.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “EQ” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” until you reach “Bass” or “Treble” EQ option.
4. Press “Power/Control knob” to select.
5. Rotate “Power/Control knob” until desired levels are reached.
6. Press “Power/Control knob” to select settings.
7. Repeat as necessary.

Music/News selection switch

Music/News selection switch is located on the back of the unit. Switch Music/News selection to Music position when you wish to use “EQ” settings. Switch it to News position when you listen to news programs.
Note:
The EQ setting can’t be used when the Music/News selection is in News position.

HD SEEK function

- Using the Remote:

1. Press the “HD SEEK” Up/Down button to seek the next frequency broadcasting in a usable HD Radio signal.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “HD SEEK” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to select “Up” or “Down” direction.
4. Press “Power/Control knob” to select.

20070524_HDR-1_381QB0SB-A_GB.p65 12 2007/5/24, ¤U¤È 03:20

Listening to HD Radio

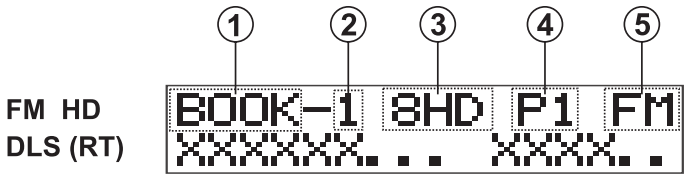
When HD Radio station is found, display will show,
1. Station call sign.

2. The number of the multicasting program (1= main program).

3. The total number of HD Radio program services and HD Radio mark.

4. The preset number of this program.

5. The radio band.



Receiving & Tuning Multicast Stations

When the radio is tuned to an HD compatible station and it determines that one or more Multicast station are available the station call letter will be followed by a number designator indicating the number of available Multicast stations.

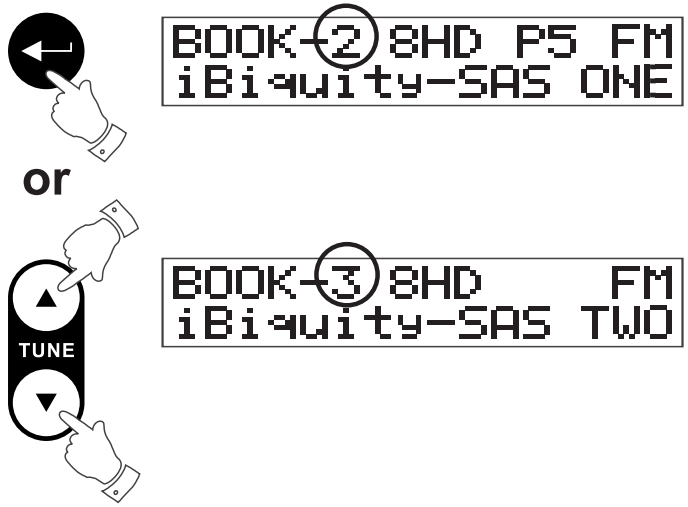
- Using the Remote:

1. Press “Tuning” Up/Down button to navigate through the multicast stations.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “Tune” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to navigate to the next multicast signal.

NOTE:
When navigating to a different frequency, wait for the HD signal to lock before navigating through the additional multicast signals. The lock will be achieved when the HD signal is no longer blinking and the station call letters will have a number following it, i.e. KROQ-1 2 HD FM.



20070524_HDR-1_381QB0SB-A_GB.p65 13 2007/5/24, ¤U¤È 03:20

Display Modes (INFO)

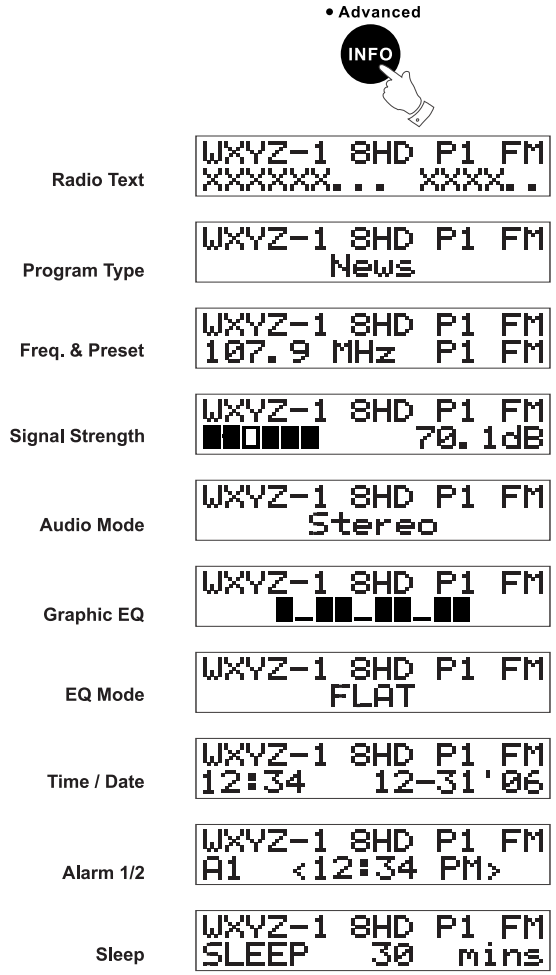
There are several display modes. Please refer to the HDR-1 Menu Structure Table for a complete listing and description of these display modes.

- Using the Remote:

1. Press “Info” button.
2. Continually press “Info” button or press “Tune” Up/Down button to navigate through available display modes.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “Info” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to navigate through the available display modes.
4. Press “Power/Control knob” to select display mode.



20070524_HDR-1_381QB0SB-A_GB.p65 14 2007/5/24, ¤U¤È 03:20

Advanced Information

There are several Advanced Display modes. Please refer to the HDR-1 Menu Structure Table for a complete listing and description of these display modes.

- Using the Remote:

1. Press and hold “Info” button.
2. Continually press “Info” button to navigate through available display modes.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “Ad. Info” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to navigate through the available display modes.
4. Press “Power/Control knob” to select display mode.

• Advanced

bit error rate
HD test only

HD only

HD only

20070524_HDR-1_381QB0SB-A_GB.p65 15 2007/5/24, ¤U¤È 03:20

Hybrid Seek

- Using the Remote:

1. Press the “SEEK” Up/Down button to seek the next frequency broadcasting in a usable radio signal.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “SEEK” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to select “Up” or “Down” direction.
4. Press “Power/Control knob” to select.

FM
Hybrid

AM
Hybrid

FM
No DLS

20070524_HDR-1_381QB0SB-A_GB.p65 16 2007/5/24, ¤U¤È 03:20

ATS – Auto Tuning System

The ATS function will scan through the selected band frequency for all usable signals. It will create an easily navigated table for all detected signals.

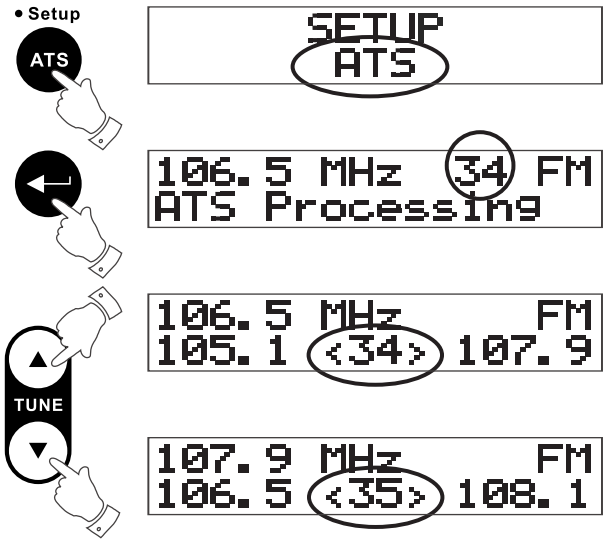
- Using the Remote:

1. Press and hold “ATS” button to activate menu.
2. Press “Enter” button to activate frequency scanning.
3. Allow radio to finish scanning. Once completed you can navigate through the available stations using the “Tune” Up/Down buttons. To navigate to the multicast stations using ATS function press the “Enter” button.
4. To recall ATS table navigation press “ATS” button.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “SETUP” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to cycle through the menu options until you reach the “ATS SCAN” menu option.
4. Press “Power/Control knob” to select.
5. Allow radio to finish scanning. Once completed you can navigate through the available stations by rotating the “Power/Control knob”. To navigate to the multicast stations using ATS function press the “Enter” button.
6. To recall the ATS Table press “Power/Control knob” and cycle through the menu options until you reach the “ATS Table’ menu option.
7. Press “Power/Control knob” to select.
8. You can begin navigating as described above.

NOTE:
While using the ATS Table, the “Power/Control knob” will no longer control volume. You must wait until the unit returns to normal control function, indicated by displaying the previously selected display mode.



20070524_HDR-1_381QB0SB-A_GB.p65 17
2007/5/24, ¤U¤È 03:20

Setting and Recalling Memory Presets

Preset stations
There are 10 preset stations each for AM and FM.

Setting Memory Presets
- Using the Remote:

1. Press “Band” button to select desired band.
2. Hold corresponding numbered button for 2 seconds to store. i.e. to store 93.1 into memory position 2 press and hold the “#2” button on the remote.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “SET PRESET” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to cycle through the preset options until you reach the desired location.
4. Press “Power/Control knob” to select.

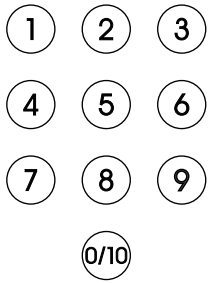
Recalling Memory Presets
- Using the Remote:

1. Press corresponding numbered button to the memory location. i.e. to recall 93.1 stored in preset number 2 press and release the “#2” button.

- Using the Unit

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “GO-TO PRESET” menu option.
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to cycle through the preset options until you reach the desired location.
4. Press “Power/Control knob” to select.

Note:
If preset stations are full, display will appear Preset Full. Press another 2 seconds will replace previous memory station. Display will show “P-X stored”. To give up the preset, simply release the number button when Preset Full appears, display will return to frequency status.



FM

AM

Full warning

20070524_HDR-1_381QB0SB-A_GB.p65 18 2007/5/24, ¤U¤È 03:20

Last Recall Station

- Using Remote:

1. Press LAST RECALL button on the remote control to recall last listening station.

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “RECALL” menu option.
2. Press “Power/Control knob” to select.

Setting Sleep timer

This unit comes with an adjustable sleep timer. This function can only be activated when the unit is on.

Using the Remote:

1. Press and hold “ATS/Setup” button to activate menu.
2. Continue to press “ATS” button or “Tune” Up/Down button to reach “SLEEP” menu option.
3. Press “Enter” to select.
4. Press “Tune” Up/Down button to set the desired sleep time.

Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at “SETUP” menu option.
2. Press “Power/Control knob” to select.
3. Rotate the “Power/Control knob” until you are at “SLEEP” menu option.
4. Press “Power/Control knob” to select.
5. Rotate the “Power/Control knob” to set desired sleep time.
6. Press “Power/Control knob” to save setting.

20070524_HDR-1_381QB0SB-A_GB.p65 19 2007/5/24, ¤U¤È 03:20

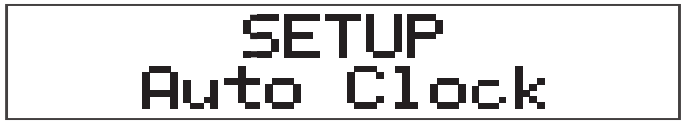
Auto clock function

If the FM station you are listening to providing RDS service and has Auto clock time setting feature (CT). You can set the clock to be Auto clock, the clock will be automatically adjusted by the station RDS – CT service.

Note:
Before you set the Auto clock function, please make sure the FM station you tune to providing auto clock time setting service.

The Auto clock function can be set only when radio Power is on.

1. Press ATS/SET UP button for more than 2 seconds until display appears SET UP and flashing ATS.
2. Press and release ATS/SET UP button to get AUTO CLOCK.
3. Press and release Execution button ⏎ to confirm AUTO CLOCK setting.
4. The clock time will be auto setting by the FM RDS station which supports Auto Clock setting (CT).



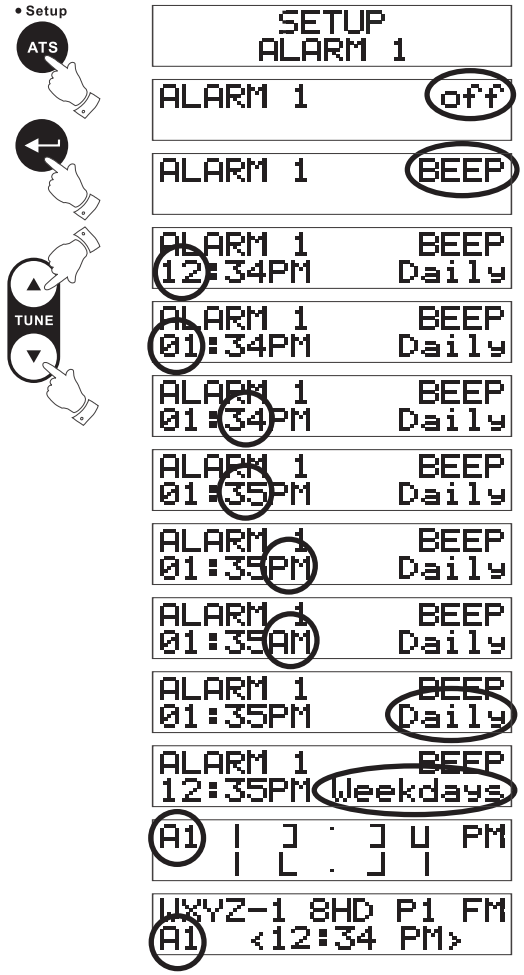
20070524_HDR-1_381QB0SB-A_GB.p65 20 2007/5/24, ¤U¤È 03:20

Turning Alarms On/Off & Setting

This unit features a dual alarm system that can sound either to a beeping tone or AM/FM or Auxiliary Audio. The easiest way to set the alarms is when the unit is off, and these instructions are designed using this option.

- Using the Remote:

1. Press and hold “ATS/Setup” button to activate menu.
2. Continue to press “ATS” button or “Tune” Up/Down button to reach desired alarm (Alarm-1 or Alarm-2).
3. Press “Enter” to select.
4. Press “Tune” Up/Down button to set the desired alarm setting (Beep, AM, FM, Auxiliary, OFF).
5. If turning the alarm off, then press “Enter” button to save. Any other setting, continue to next step.
6. Set appropriate time. Hour first, then Minutes, AM/PM then to frequency options (Daily, Weekdays, Once, Weekends.)
7. Press “Enter” to save selections and proceed to next step.
8. If using Beep Function proceed to step 13.
9. If using AM set the appropriate frequency and continue to step 12.
10. If using FM, set the appropriate frequency and multicast channel and continue to step 12.
11. If using Auxiliary continue to next step.
12. Set desired volume level.
13. Press “Enter” to save settings.



20070524_HDR-1_381QB0SB-A_GB.p65 21
2007/5/24, ¤U¤È 03:20

- Using the Unit:

1. Press “Power/Control knob” and cycle through the menu options by rotating the “Power/Control knob” until you are at desired alarm (Alarm-1 or Alarm 2).
2. Press “Power/Control knob” to select.
3. Rotate “Power/Control knob” to select the desired alarm setting (Beep, AM, FM, Auxiliary, OFF).
4. If turning off, press “Power/Control knob” to save. For all others press “Power/Control knob” and proceed to next step.
5. Set appropriate time. Hour first, then Minutes, AM/PM then to frequency options (Daily, Weekdays, Once, Weekends.)
6. Press “Power/Control knob” to save selections and proceed to next step.
7. If using Beep Function proceed to step 12.
8. If using AM set the appropriate frequency and continue to step 12.
9. If using FM, set the appropriate frequency and multicast channel and continue to step 12.
10. If using Auxiliary continue to next step.
11. Set desired volume level.
12. Press “Power/Control knob” to save settings.

Note:
Daily – wake up at set alarm time everyday.
Weekdays – wake up only on Monday to Friday at set alarm time.
Weekends – wake up only on Saturday and Sunday at set alarm time.
Once – wake up only once at set alarm time.

Note:
Make sure to set correct clock time and date before setting alarm timer. The radio can judge which dates are weekends and weekdays only when the clock and dates are set correctly before alarm setting.

Note:
If you select alarm timer via “Beep” a repeating beep tone will sound. The alarm beep will increase in volume for 1 minute followed by 1 minute of silence before repeating the cycle (HWS-Humane Wake System). The HWS alarm will sound for 30 minutes unless turned off by pressing Power/Standby button.

20070524_HDR-1_381QB0SB-A_GB.p65 22 2007/5/24, ¤U¤È 03:20

Snooze function

The alarm will sound at the selected alarm time. Press any button except Power (Standby) button can be silence for 5 minutes interval until alarm is on again (Snooze). This sequence can be repeated during the alarm period.

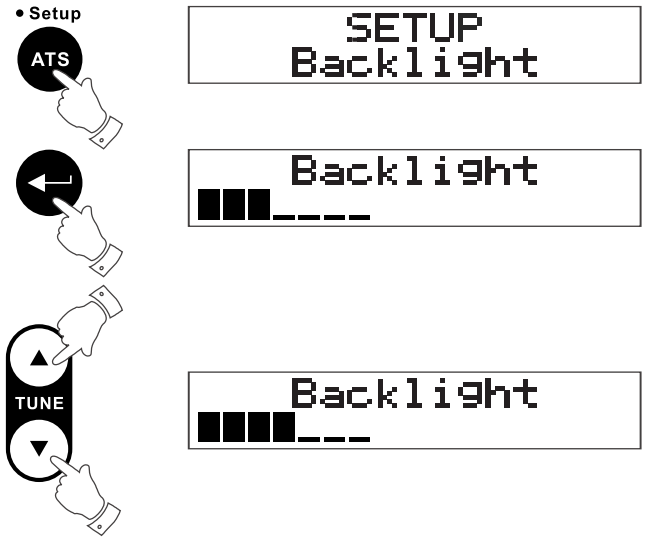
Display will appear Snooze and remaining time to next alarm on. Press Power button to cancel the Snooze.

Canceling alarms

The alarm will activate for 60 minutes (30 minutes for Beep alarm) until you press Power button to cancel it.

Display backlight brightness control

1. Long press ATS/SET UP button until display appears SET UP and flashing ATS.
2. Repeatedly press and release ATS/SET UP button to get Backlight.
3. Press Execution button to enter backlight control mode.
4. Press Tuning Up or Down button to adjust display brightness.
5. Press Execution button again to complete setting.

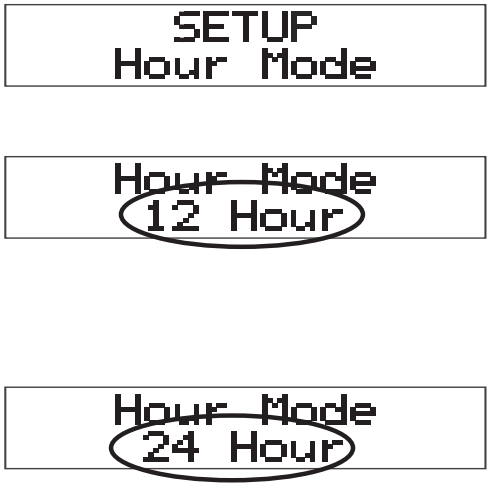


20070524_HDR-1_381QB0SB-A_GB.p65 23 2007/5/24, ¤U¤È 03:20

Change Hour format

You can change 12 hours time format into 24 hours format and vice versa.

1. Long press ATS/SET UP button until display appears SET UP and flashing ATS.
2. Repeatedly press and release ATS/SET UP button to get Hour Mode.
3. Press Execution button to enter Hour mode adjustment.
4. Press Tuning Up or Down button to get change required hour format.
5. Press Execution button again to complete setting.



System RESET

System RESET feature will allow you to back to initial factory setting status of the radio.

1. Long press ATS/SET UP button until display appears SET UP and flashing ATS.
2. Repeatedly press and release ATS/SET UP button to get System Reset.
3. Press Execution button to execute system reset.
4. After the reset, the radio will clean all the memory/time/alarm etc. presets and back to initial factory setting status.

20070524_HDR-1_381QB0SB-A_GB.p65 24 2007/5/24, ¤U¤È 03:20

RESET the radio

If the radio fails to operate correctly i.e. display can't change according to the operation. Unplug the AC power cord and wait for 5 seconds then re-plug. This is to reset the radio for troubleshooting the possible CPU power down. After RESET the radio, radio will be back to Standby mode (Power off)

Headphone socket

A 3.5 mm Headphone Socket located on the rear of the radio is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal speaker.

Aux in socket

1. Connect a stereo or mono audio source (i.e. iPod, MP3 or CD player) to the Aux IN socket on the rear of the radio.

2. Switch the band to AUX IN.

3. Select required volume level by pressing Volume Control on the remote control or rotary the Power/Control knob on the radio.

4. Select required audio equalizer by pressing EQ button.

Specifications

Power Requirement:
Mains AC 120 volts 60 Hz only
Battery (remote control) 3.0V CR 2025 button type

Frequency Coverage:
FM 87.50 – 108 MHz
AM 520 – 1710 kHz
HD FM 87.50 – 108 MHz
HD AM 520 – 1710 kHz

Circuit Features:
Loudspeaker 63 mm x 2
Output Power 5 Watts x 2
Headphone socket 3.5 mm dia.
Aux In socket 3.5 mm dia.

Aerial System:
FM Telescopic aerial
AM Loop antenna

Dimensions (WxHxD): 290x110x182 mm

Weight: approx. 3 kgs.

20070524_HDR-1_381QB0SB-A_GB.p65 25 2007/5/24, ¤U¤È 03:20

Brief User Interface:

NO	Button	action	status	HDR1 function	Note
0	any keys	click	Alarm ON	Snooze ON	except StandBy
1	Standby Power OFF	click	Standby / Power ON	Power ON / Standby toggle	recall the last station on last band
		click	Alarm ON / Snooze ON	Snooze OFF, Alarm OFF & Power OFF	
2	Rotary Knob	click	Standby	Power ON	recall the last station on last band
		click	Power ON	To go into frequency Tune mode to change frequency.	turn left / right
		long 2s	Power ON	Power OFF	
3	Rotary Knob	left	Power ON	VOLUME ▼	
		right	Power ON	VOLUME ▲	
4	Band	click	Power ON	FM → AM → AUX IN	
5	ATS	click	Power OFF	Clock Set → Alarm1 → Alarm2 → Backlight → Hour Mode → System Reset	use ENTER to execute
		long 2s	Power ON	ATS → Sleep → Auto clock Set → Clock Set → Alarm1 → Alarm2 → Backlight → Hour Mode → System Reset	use ENTER to execute
		click	Power ON	Recall ATS table ON / OFF	Tune ▼▲ to change station.
6	Info	click	Power ON	RT → PTY → Frequency → SSI → Audio Mode → Graphic EQ → EQ Mode → Time/Date → Alarm1 → Alarm2 → Sleep	
		long 2s	Power ON	BER → Service mode → Station ID → UI Version → SW Version → HW Version	

20070524_HDR-1_381QB0SB-A_GB.p65 26 2007/5/24, ¤U¤È 03:20

7	Preset 0~9	click	Power ON	Go to Preset 0~9	
		long 2s	Power ON	Store Preset 0~9	
8	Volume ▼▲	click	Power ON	VOLUME▼▲	
		long hold	Power ON	VOLUME▼▲ fast	
9	Mute	click	Power ON	Toggle Mute ON / OFF	
10	Tune ▼▲	click	Power ON	Tune▼▲next frequency step.	
		long 0.5 s	Power ON	Auto seek and go to the next station. (include analog and HD stations)	
11	HD seek ▼▲	click	Power ON	Auto seek and go to the next HD station.	
12	Execution ↵	Click	Power ON	cycle through the multicasting programs	
		Click	Power ON	Enter input	
13	EQ	Click	Power ON	Flat → Classical → Rock → Jazz → Pop → My Bass → My Treble	On My Bass / Treble use ENTER & Tune to adjust
14	Last recall	Click	Power ON	To go back to the last station (program).	
15	News SW		Power ON	swap Audio EQ to FLAT	

Note:

1. Long 2s(.5s) = press key and hold up to 2 (0.5) seconds.
2. Long hold = just press key and hold.
3. BER = Error Bit Rate.
4. SSI = Signal Strength Indicator.
5. RT = Radio Text.
6. PTY = Program Type.
7. ATS = Auto Tuning System.

20070524_HDR-1_381QB0SB-A_GB.p65 27 2007/5/24, ¤U¤È 03:20